# LABORATORY

OF THE

# INLAND REVENUE DEPARTMENT

OTTAWA, CANADA

## BULLETIN No. 243

## COCOAS AND CHOCOLATES

30594—1

# LABORATORY

OF THE

# INLAND REVENUE DEPARTMENT

## OTTAWA, CANADA

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## BULLETIN No. 243

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# COCOAS AND CHOCOLATES

WM. HIMSWORTH, Esq.,
Acting Deputy Minister,
Inland Revenue,

OTTAWA, October 16, 1912.

SIR,—I beg to hand you a report upon 252 samples purchased as cocoas and chocolates in February and March of this year.

Cocoa has not been systematically inspected since September, 1900 (see Bulletin No. 72). At that time it was found that cocoa and chocolate were, as a rule, quite free from anything that could be regarded [illegible] ration.

The various processes of manu[illegible] ding removal of more or less fat, addition of starch, fineness of grindi[illegible] e for their object the preparation of the article in digestible form, and the[illegible] e no doubt that the different brands found on the market approve themselves to the different tastes and needs of users of cocoa.

The terms cocoa and chocolate appear to be employed according to no very definite rule. It would be well to restrict the term chocolate to the sugared article, and especially to a preparation containing vanilla or other flavouring substance.

Where our inspectors have sent in considerable numbers of samples from the same manufacturers, it will be noted that such samples, when representing the same brand, give analytical results of very constant character. This indicates great care in manufacture; and it may be safely inferred from the appended tables, that cocoa and chocolate, as found on our markets, are of good quality. In one or two instances (see No. 49350 & 49351) the ash and the fat content are exceptional. Such samples are usually sold in bulk, and do not bear the manufacturer's name. They contain excess of cocoa husk.

We have not established any legal standards for these articles, and the present report may serve the purpose of a guide for future action in this direction. The federal standards of the United States of America require chocolate to contain not more than three (3%) per cent of insoluble ash, or three and a half (3·5 %) per cent of fibre or less than forty-five (45%) per cent of cocoa fat. They further limit the amount of added starch permissible to nine (9%) per cent. Cocoa is defined as

a product from which more or less of the fat has been removed, with corresponding changes in the amount of remaining constituents.

I consider it unnecessary as yet to advise standardization of cocoa and chocolate; and would respectfully suggest that the present report be published as Bulletin No. 243.

I have the honour to be, sir,

Your obedient servant,

A. McGILL,
*Chief Analyst.*

## NOTES.

### Motts.

| Number of Sample. | Ash. Total. | Ash. Soluble. | Alkalinity of Ash. | Moisture. | Fat. | Sugar. | Remarks. |
|---|---|---|---|---|---|---|---|
| 47019 | 5·08 | 2·22 | 6·50 | 5·75 | 25·75 | ..... | Cocoa. |
| 49347 | 5·70 | 2·55 | 7·05 | 6·15 | 18·80 | ..... | " |
| 47022 | 3·27 | ..... | ..... | ..... | ..... | ..... | Chocolate. |
| 47024 | 2·95 | 1·25 | 3·69 | 2·00 | 46·85 | ..... | " |
| 46162 | 2·77 | ..... | ..... | ..... | ..... | ..... | " |
| 45606 | 2·88 | 1·00 | 3·32 | 1·98 | 40·25 | ..... | " |
| 49527 | 2·99 | 1·63 | 4·14 | 2·39 | 40·30 | ..... | " |
| 40830 | 3·01 | 1·32 | 3·80 | 4·21 | 34·60 | ..... | " |
| 49352 | 1·07 | 0·52 | ..... | 0·97 | 22·10 | 63·32 | Double diamond. |

### "Cadbury."

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 50127 | 1·48 | 0·94 | ..... | 1·23 | 7·30 | 72·71 | Chocolate. |
| 50130 | 1·48 | 0·93 | ..... | 1·25 | 7·25 | 71·46 | " |
| 44127 | 1·65 | 1·04 | ..... | 1·04 | 7·35 | 69·50 | " |
| 48607 | 8·20 | 6·72 | 10·05 | 3·90 | 27·20 | ..... | Cocoa. |

### Epps.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| *46169 | 1·53 | 0·66 | 2·00 | 4·27 | 23·15 | 30·78 | Cocoa. |
| 39037 | 1·46 | ..... | ..... | ..... | ..... | ..... | " |
| *40822 | 1·56 | 0·64 | 2·05 | 3·71 | 22·70 | 31·56 | " |
| *50125 | 1·58 | 0·70 | 2·05 | 3·78 | 23·20 | 29·68 | Presence of starch (arrowroot) stated on the label. |

### Ghirardelli.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 38280 | 2·77 | 1·96 | ..... | 1·92 | 14·20 | 58·50 | Chocolate powder. |
| 47700 | 3·02 | 2·05 | ..... | 2·89 | 15·40 | 55·18 | " " |
| 48489 | 2·98 | 2·06 | ..... | 1·80 | 15·00 | 54·42 | " " |
| 47698 | 1·49 | 0·55 | ..... | 1·55 | 24·35 | 58·37 | " cake. |

### H. de Jong.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 49523 | 7·60 | 5·04 | 9·80 | 4·30 | 28·65 | ..... | Cocoa. |
| 49612 | 7·51 | 6·07 | 10·40 | 4·40 | 27·45 | ..... | " |
| 49695 | 7·76 | 5·47 | 10·20 | 6·45 | 26·95 | ..... | " |

* Contains starch.

| Number of Sample. | Ash. | | Alkalinity of Ash. | Moisture. | Fat. | Sugar. | Remarks. |
|---|---|---|---|---|---|---|---|
| | Total. | Soluble. | | | | | |
| **Cochrane.** | | | | | | | |
| *50124 | 3·71 | 1·64 | 4·70 | 3·65 | 10·10 | 10·70 | Cocoa. |
| 50129 | 6·55 | 2 26 | 7·17 | 5·17 | 17·05 | ..... | Chocolate. |
| **Menier.** | | | | | | | |
| 46165 | 1 32 | 0·51 | ..... | 1·24 | 22·45 | 60·00 | Chocolate. |
| 40829 | 1·31 | 0·50 | ..... | 1·06 | 23·05 | 61·05 | " |
| **Rowntree.** | | | | | | | |
| 45602 | 5·52 | 2·04 | 6·35 | 4·23 | 20·35 | ..... | Cocoa. |
| 47694 | 7·74 | 6·40 | 10·40 | 4·80 | 28·00 | ..... | " |
| **Tetley.** | | | | | | | |
| 44124 | 8·69 | 7·14 | 11·30 | 5·67 | 23·65 | 24·25 | Cocoa. |
| 38279 | 8·45 | 6 89 | 11·00 | 7·08 | 24·20 | ..... | " |
| **Todhunter.** | | | | | | | |
| 45608 | 3·00 | 0·91 | 3·36 | 3·62 | 42·05 | ..... | Chocolate. |
| 49354 | 1·32 | 0·49 | ..... | 1·22 | 22·15 | 55·93 | " diamond. |
| 47869 | 6·12 | 1 62 | 6·25 | 3·05 | 23·70 | ..... | Cocoa. |
| **Van Houten.** | | | | | | | |
| 44125 | 8·25 | 6·75 | 11·15 | 3·34 | 27·55 | ..... | Cocoa. |
| 49613 | 8·05 | 6·58 | 10·50 | 4·47 | 28·95 | ..... | " |
| 38277 | 7·95 | 6·47 | 10·40 | 4·34 | 28·95 | ..... | " |
| 38282 | 2·84 | 2·00 | ..... | 2·15 | 14·75 | 56·08 | Chocolate, Charlesworth. |
| *47697 | 0·74 | 0·32 | ..... | 1·50 | 24·70 | 52·54 | " Dom. Cho. Works. |
| 38278 | 6·80 | 4·85 | 9·10 | 4·82 | 27·70 | ..... | Cocoa, Dreissen. |
| 47016 | 7·01 | 5·50 | 9·15 | 5·42 | 24·45 | ..... | " Melior. |
| 47692 | 6·08 | 4·45 | 8·10 | 5·71 | 29·70 | ..... | " Ridgway. |
| 47020 | 8·08 | 6·58 | 10·00 | 4·82 | 26·80 | ..... | " Schwartz. |
| 48606 | 6·67 | 4 93 | 8·70 | 3·95 | 30·55 | ..... | " Suchard. |

* Contains starch (maize in 47697, arrowroot in 50124).

## BAKERS CHOCOLATE AND COCOA.

| Number of Sample. | Ash. | | Alkalinity of Ash. | Moisture. | Fat. | Sugar. | Remarks. |
|---|---|---|---|---|---|---|---|
| | Total. | Soluble. | | | | | |
| 47021 | 3·10 | ..... | ..... | ..... | ..... | ..... | Chocolate No. 1. |
| 46161 | 3·11 | 1·27 | 3·8 | 0·76 | 54·1 | ..... | " |
| 45607 | 3·05 | ..... | ..... | ..... | ..... | ..... | " |
| 37367 | 3·01 | ..... | ..... | ..... | ..... | ..... | " |
| 40826 | 3·17 | 1·27 | 3·8 | 0·76 | 54·1 | ..... | " |
| 49526 | 2·90 | ..... | ..... | ..... | ..... | ..... | " |
| 49528 | 3·10 | 1·15 | 3·6 | 1·02 | 54·4 | ..... | " |
| 49529 | 3·12 | ..... | ..... | ..... | ..... | ..... | " |
| 48611 | 3·26 | ..... | ..... | ..... | ..... | ..... | " |
| 48612 | 2·93 | 1·11 | 3·5 | 1·95 | 54·4 | ..... | " |
| 48614 | 3·18 | ..... | ..... | ..... | ..... | ..... | " |
| 49608 | 3·26 | ..... | ..... | ..... | ..... | ..... | " |
| 47696 | 3·32 | ..... | ..... | ..... | ..... | ..... | " |
| 47023 | 1·55 | 0·52 | ..... | 0·90 | 39·5 | 41·2 | Sweetened chocolate. |
| 46167 | 5·16 | ..... | ..... | ..... | ..... | ..... | Cocoa. |
| 45601 | 5·80 | ..... | ..... | ..... | ..... | ..... | " |
| 45605 | 5·65 | 2·07 | 6·8 | 4·02 | 24·5 | ..... | " |
| 40823 | 5·47 | ..... | ..... | ..... | ..... | ..... | " |
| 50122 | 5·21 | 1·85 | 6·4 | 4·26 | 27·0 | ..... | " |
| 49521 | 5·10 | ..... | ..... | ..... | ..... | ..... | " |
| 49522 | 5·19 | ..... | ..... | ..... | ..... | ..... | " |
| 48083 | 5·22 | ..... | ..... | ..... | ..... | ..... | " |
| 48610 | 5·74 | 1·89 | 6·9 | 3·50 | 24·8 | ..... | " |
| 44121 | 5·35 | 2·00 | 6·4 | 4·58 | 28·0 | ..... | " |
| 44123 | 5·06 | ..... | ..... | ..... | ..... | ..... | " |
| 39034 | 5·65 | ..... | ..... | ..... | ..... | ..... | " |
| 47888 | 5·18 | 1·78 | 6·3 | 4·41 | 27·9 | ..... | Sold as Webb's. |
| 39033 | 5·75 | 2·34 | 6·8 | 6·05 | 25·2 | ..... | Sold in bulk. |
| 39038 | 5·53 | 2·29 | 6·7 | 6·05 | 25·5 | ..... | " |

### Fry.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 47017 | 1·67 | ..... | ..... | ..... | ..... | ..... | Cocoa. |
| *37328 | 1·67 | 0·59 | 2·05 | 3·46 | 14·90 | 36·83 | Homeopathic cocoa. |
| 37360 | 1·66 | ..... | ..... | ..... | ..... | ..... | " " |
| *39035 | 1·82 | 0·63 | 2·15 | 2·90 | 15·10 | 39·70 | " " |
| *48492 | 1·58 | 0·50 | 1·95 | 3·33 | 14·25 | 38·33 | " " |
| 38277 | 1·67 | ..... | ..... | ..... | ..... | ..... | |
| 47693 | 1·77 | ..... | ..... | ..... | ..... | ..... | |
| 46170 | 5·28 | ..... | ..... | ..... | ..... | ..... | Breakfast cocoa. |
| 37361 | 5·37 | 3·95 | 8·25 | 5·27 | 30·85 | ..... | " |
| 39036 | 5·46 | 4·11 | 8·30 | 5·09 | 31·10 | ..... | " |
| 50121 | 5·41 | ..... | ..... | ..... | ..... | ..... | " |
| 48208 | 5·41 | 4·02 | 8·10 | 4·76 | 30·40 | ..... | " |
| 48220 | 5·45 | ..... | ..... | ..... | ..... | ..... | " |
| 48096 | 5·45 | ..... | ..... | ..... | ..... | ..... | " |
| 48609 | 5·52 | 4·13 | 8·15 | 4·45 | 31·25 | ..... | " |
| 46164 | 0·96 | 0·38 | ..... | 1·37 | 22·60 | 59·25 | Chocolate. |
| 37364 | 3·01 | 0·97 | ..... | 2·43 | 17·90 | 41·31 | " |
| 37365 | 1·27 | ..... | ..... | ..... | ..... | ..... | " |
| 39040 | 1·26 | ..... | ..... | ..... | ..... | ..... | " |
| 50128 | 1·25 | ..... | ..... | ..... | ..... | ..... | " |
| 48213 | 1·22 | 0·42 | ..... | 1·10 | 23·05 | 59·25 | " powder. |
| 48225 | 1·18 | ..... | ..... | ..... | ..... | ..... | " " |
| 48086 | 1·24 | 0·41 | ..... | 1·05 | 23·80 | 57·14 | " " |
| 48095 | 1·28 | ..... | ..... | ..... | ..... | ..... | " " |
| 48613 | 0·92 | 0·33 | ..... | 1·11 | 22·50 | 60·90 | " diamond. |
| 45603 | 5·48 | ..... | ..... | ..... | ..... | ..... | Cocoa.? |
| 40821 | 5·46 | ..... | ..... | ..... | ..... | ..... | " ? |

* Contains starch (arrowroot) stated as "Other ingredients" on the lable.

### Lowney's.

| Number of Sample. | Ash. | | Alkalinity of Ash. | Moisture. | Fat. | Sugar. | Remarks. |
|---|---|---|---|---|---|---|---|
| | Total. | Soluble. | | | | | |
| 47025 | 2·98 | 0·98 | 3·69 | 2·06 | 53·2 | ..... | Chocolate. |
| 37366 | 3·35 | 1·40 | 3·85 | 0·90 | 53·0 | ..... | " |
| 40827 | 3·68 | 1·34 | 4·04 | 0·41 | 51·35 | ..... | " |
| 48615 | 3·24 | ..... | ..... | ..... | ..... | ..... | |
| 49607 | 3·31 | ..... | ..... | ..... | ..... | ..... | |
| 46168 | 5·23 | 2·11 | 6·45 | 5·68 | 22·75 | ..... | Breakfast cocoa. |
| 45604 | 5·43 | 2·07 | 6·55 | 4·19 | 22·95 | ..... | " " |
| 37359 | 5·82 | ..... | ..... | ..... | ..... | ..... | " " |
| 37362 | 5·50 | 2·26 | 6·65 | 3·79 | 23·05 | ..... | Cocoa. |
| 40825 | 5·63 | ..... | ..... | ..... | ..... | ..... | " |
| 48608 | 5·14 | ..... | ..... | ..... | ..... | ..... | " |
| 49614 | 5·59 | 2·29 | 6·80 | 4·17 | 20·60 | ..... | " |
| 45609 | 1·14 | 0·43 | ..... | 1·12 | 25·60 | 58·9 | Diamond chocolate. |
| 37363 | 1·25 | 0·44 | ..... | 1·10 | 23·80 | 56·38 | " " |
| 39041 | 2·87 | 0·88 | ..... | 1·10 | 16·20 | 40·60 | Chocolate. |
| 39042 | 2·65 | 0·81 | ..... | 2·31 | 16·00 | 49·75 | " |
| 39043 | 2·92 | ..... | ..... | ..... | 17·15 | 45·38 | " |
| 50126 | 3·06 | 1·04 | ..... | 2·11 | 15·85 | 43·42 | " |
| 44126 | 3·04 | 1·02 | ..... | 1·76 | 16·30 | 43·87 | " (premium). |
| 44128 | 2·59 | 0·88 | ..... | 1·78 | 16·20 | 47·95 | " " |
| 44129 | 2·64 | 0·88 | ..... | 1·71 | 15·35 | 48·10 | " " |
| 44130 | 3·20 | 1·07 | ..... | 1·87 | 16·75 | 42·37 | " |
| 48490 | 2·40 | 0·90 | ..... | 1·91 | 18·20 | 46·30 | " |
| 38281 | 2·66 | 0·95 | ..... | 2·55 | 15·20 | 47·80 | " |

### Manufacturer Unknown.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 49349 | 5·09 | 3·07 | 6·60 | 3·95 | 24·05 | ..... | Cocoa. |
| *49350 | 4·79 | 1·74 | 5·20 | 2·95 | 6·00 | ..... | " |
| †49351 | 13·89 | 2·91 | 11·40 | 4·00 | 3·70 | ..... | " |
| 49356 | 5·19 | 1·58 | 5·95 | 4·55 | 25·50 | ..... | Chocolate. |

### Cowan's.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 47018 | 5·24 | ..... | ..... | ..... | ..... | ..... | Cocoa. |
| 46166 | 5·05 | ..... | ..... | ..... | ..... | ..... | " |
| 40824 | 5·30 | ..... | ..... | ..... | ..... | ..... | " |
| 50123 | 5·47 | 1·82 | 6·40 | 4·49 | 22·95 | 23·70 | " |
| 49524 | 5·34 | 1·86 | 6·20 | 4·40 | 23·25 | ..... | " |
| 49534 | 5·30 | ..... | ..... | ..... | ..... | ..... | " |
| 49348 | 5·50 | ..... | ..... | ..... | ..... | ..... | " |
| 47882 | 5·59 | ..... | ..... | ..... | ..... | ..... | " |
| 47891 | 5·39 | ..... | ..... | ..... | ..... | ..... | " |
| 47867 | 5·26 | 1·69 | 6·20 | 4·17 | 25·25 | ..... | " |
| 48080 | 5·19 | ..... | ..... | ..... | ..... | ..... | " |
| 44122 | 5·25 | ..... | ..... | ..... | ..... | ..... | " |
| 38276 | 5·64 | 1·84 | 6·30 | 4·13 | 23·90 | ..... | " |
| 47691 | 5·05 | ..... | ..... | ..... | ..... | ..... | " |
| 46163 | 4·00 | ..... | ..... | ..... | ..... | ..... | Chocolate. |
| 45610 | 3·38 | 1·35 | 3·81 | 1·23 | 52·60 | ..... | " |
| 40828 | 4·15 | 1·45 | 4·91 | 2·27 | 35·25 | ..... | " |
| 49530 | 4·24 | ..... | ..... | ..... | ..... | ..... | " |
| 49355 | 4·19 | 1·42 | 4·90 | 1·26 | 34·75 | ..... | " |
| 49609 | 3·09 | 1·17 | 3·61 | 1·51 | 54·05 | ..... | " |
| 47699 | 3·86 | 1·48 | 4·98 | 4·60 | 34·10 | ..... | " |
| *48491 | 2·34 | 0·95 | 3·40 | 2·89 | 11·20 | 45·56 | " |

* Contains starch. † Excess husk.

| Date of Collection. | Nature of Sample. | No. of Sample. | Name and Address of Vendor. | Cost. Quantity. | Cost. Cents. | Name and Address of Manufacturer or Furnisher as given by the Vendor. Manufacturer. | Furnisher. |
|---|---|---|---|---|---|---|---|
| **DISTRICT OF NOVA SCOTIA—** | | | | | | | |
| 1912. | | | | | | | |
| Feb. 19 | Cocoa | 47016 | Wentzells, Ltd., Halifax, N.S. | 3 tins. | 45 | Melior, Holland | Mfrs |
| " 20 | " | 47017 | City Provision Store, Halifax, N.S. | 3 " | 30 | J. S. Fry, London, Eng. | " |
| " 20 | " | 47018 | W. J. Forristall & Co., Halifax, N.S. | 3 " | 30 | Cowan Co., Toronto. | Unknown |
| " 20 | " | 47019 | John P. Mott & Co., Halifax, N.S. | 3 " | Nil | Vendors | |
| Mar. 6 | " | 47020 | W. H. Schwartz & Sons, Halifax, N.S. | 3 " | 25 | " | |
| Feb. 19 | Chocolate | 47021 | Wentzells, Ltd., Halifax, N.S. | ½ lb | 25 | W. Baker, Dorchester, Mass. | Mfrs |
| " 20 | " | 47022 | T. H. Brown, Halifax, N.S. | ½ " | 20 | J. P. Mott & Co., Halifax, N.S. | J. P. Crowe & Co., Halifax. |
| " 20 | " | 47023 | W. J. Hopgood & Sons, Halifax, N.S. | ½ " | 18 | W. Baker, Dorchester, Mass. | Mfrs |
| " 21 | " | 47024 | John P. Mott & Co., Halifax, N.S. | ½ " | Nil | Vendors | |
| " 21 | " | 47025 | J. F. Crowe & Co., Ltd., Halifax, N.S. | ½ " | 17 | W. M. Lowney Co., Montreal. | Mfrs |
| **DISTRICT OF PRINCE EDWARD ISLAND—** | | | | | | | |
| Feb. 8 | Chocolate | 46161 | Beer & Goff, Charlottetown, P.E.I. | 3 pks. | 75 | Walter Baker & Co., Ltd., Dorchester, Mass. | |
| " 8 | " | 46162 | " " | 3 " | 60 | Jno. P. Mott & Co., Halifax, N.S. | |
| " 9 | " | 46163 | John McKenna, Charlottetown, P.E.I. | 3 " | 30 | Cowan & Co., Ltd., Toronto. | |
| " 15 | " | 46164 | Brace & McKay Co., Ltd., Summerside, P.E.I. | 3 " | 24 | J. S. Fry & Sons, Bristol & London, Eng. | |
| " 19 | " | 46165 | Sanderson & Co., Charlottetown, P.E.I. | 3 " | 36 | M. Menier | |
| " 7 | Cocoa | 46166 | Stewart & Son, Charlottetown, P.E.I. | 3 " | 30 | The Cowan Co., Ltd., Toronto. | |
| " 7 | " | 46167 | " " | 3 " | 45 | The Walter Baker Co., Ltd., Montreal | |
| " 8 | " | 46168 | Beer & Goff, Charlottetown, P.E.I. | 3 " | 45 | The Walter M. Lowney Co., Montreal. | |
| " 9 | " | 46169 | John McKenna, Charlottetown, P.E.I. | 3 " | 30 | Jas. Epps & Co., Ltd., London, Eng. | |
| " 15 | " | 46170 | Brace-McKay Co., Ltd., Summerside, P.E.I. | 3 " | 45 | J.S. Fry & Sons, Ltd., Bristol, Eng. | |

## AND CHOCOLATES.

| Inspector's Report. (Is not an expression of opinion). | Results of Analysis. On Air-Dry Original Material. Ash. Total. | Ash. Soluble in Water. | Alkalinity of Ash cc.s. N/10 Acid per gram Chocolate and Cocoa. | Moisture. | Fat. By Centrifuge. | Fat. By Continious Extraction. 16 hrs. | Cane Sugar. | Total Ash calculated to Fat and Moisture Free Sample. | Total Ash calculated to Fat, Moisture and Sugar Free Sample. | Percentage of Ash Soluble in Water. | No. of Sample. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **R. J. WAUGH, INSPECTOR.** | | | | | | | | | | | |
| | p. c. | p. c. | | p. c. | p. c. | p. c. | p. c. | p. c. | p. c. | p. c. | |
| ..... | 7·01 | 5·50 | 9·15 | 5·42 | 24·45 | ..... | ..... | 10·00 | ..... | 78 | 47016 |
| ..... | 1·67 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 47017 |
| ..... | 5·24 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 47018 |
| ..... | 5·08 | 2·22 | 6·50 | 5·75 | 25·75 | ..... | ..... | 7·42 | ..... | 44 | 47019 |
| ..... | 8·08 | 6·58 | 10·00 | 4·82 | 26·80 | ..... | ..... | 11·82 | ..... | 81 | 47020 |
| ..... | 3·10 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 47021 |
| ..... | 3·27 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 47022 |
| Sold as sweetened chocolate | 1·55 | 0·52 | ..... | 0·90 | 39·50 | ..... | 41·15 | ..... | 8·40 | 33 | 47023 |
| ..... | 2·95 | 1·25 | 3·69 | 2·00 | 46·85 | ..... | ..... | 5·76 | ..... | 42 | 47024 |
| ..... | 2·98 | 0·98 | 3·69 | 2·06 | 53·20 | ..... | ..... | 6·65 | ..... | 33 | 47025 |
| **WM. A. WEEKS, INSPECTOR.** | | | | | | | | | | | |
| Guaranteed by mfrs. | 3·11 | 1·27 | 3·78 | 0·76 | 54·05 | ..... | ..... | 7·01 | ..... | 40 | 46161 |
| Pure and soluble | 2·77 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 46162 |
| ..... | 4·00 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 46163 |
| ..... | 0·96 | 0·38 | ..... | 1·37 | 22·60 | ..... | 59·25 | ..... | 5·72 | 39 | 46164 |
| Made in England. Chocolate menier. | 1·32 | 0·51 | ..... | 1·24 | 22·45 | ..... | 60·00 | ..... | 8·09 | 39 | 46165 |
| Absolutely pure | 5·05 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 46166 |
| Warranted pure by mfrs. | 5·16 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 46167 |
| Breakfast cocoa | 5·23 | 2·11 | 6·45 | 5·68 | 22·75 | ..... | ..... | 7·31 | ..... | 40 | 46168 |
| Contains cocoa, loaf sugar and West India arrow-root. | 1·53 | 0·66 | 2·00 | 4·27 | 23·15 | ..... | 30·78 | ..... | 3·66 | 43 | 46169 |
| ..... | 5·28 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 46170 |

| Date of Collection. | Nature of Sample. | No. of Sample. | Name and Address of Vendor. | Cost. Quantity. | Cost. Cents. | Name and Address of Manufacturer or Furnisher as given by the Vendor. Manufacturer. | Furnisher. |
|---|---|---|---|---|---|---|---|
| **DISTRICT OF NEW BRUNSWICK—** | | | | | | | |
| 1912. | | | | | | | |
| Feb. 6 | Cocoa ..... | 45601 | Dearborn & Co., St. John, N.B. | 3 tins. | 33 | Walter Baker & Co., Ltd., Montreal. | .. ..... |
| " 14 | " ... | 45602 | Wm. Hawker & Son, St. John, N.B. | ½ lb .. | 45 | Rowntree, York, Eng. | ..... ..... ... |
| Mar. 5 | " .... | 45603 | Yerxa Grocery Store, Fredericton, N.B. | 3 cans | 30 | J. S. Fry & Sons, Ltd., Bristol, Eng. | .. .. ..... |
| " 13 | " ... | 45604 | Reed & Co., Ltd., Moncton, N.B. | 3 " . | 30 | The Walter M. Lowney Co., Ltd., Montreal. | .... ..... . |
| " 14 | " .... | 45605 | J. D. Paulin, Newcastle, N.B. | 3 " . | 45 | Walter Baker & Co., Montreal. | ..... |
| Feb. 7 | Chocolate... | 45606 | Walter Gilbert, St. John, N.B. | ½ lb .. | 20 | Jno. P. Mott & Co., Halifax, N.S | ..... ..... |
| " 7 | " ... | 45607 | McPherson Bros., St. John, N.B. | ½ " .. | 20 | Walter Baker & Co., Ltd., Dorchester, Mass. | ..... ... .... |
| Mar. 6 | " ... | 45608 | Borden & King, Woodstock, N.B. | 3 pks. | 30 | Todhunter, Mitchell & Co., Toronto. | ..... ..... |
| " 13 | " .. | 45609 | Reed & Co., Ltd., Moncton, N.B. | 3 bars | 21 | The W. M. Lowney Co., Montreal. | ..... . |
| " 14 | " .. | 45610 | George Stables, Newcastle, N.B. | ½ lb .. | 25 | The Cowan Co., Ltd., Toronto. | ..... |
| **DISTRICT OF QUEBEC—** | | | | | | | |
| Feb. 6 | Cocoa ..... | 37358 | Arthur Rinfret, 414 Rue St. Joseph, Quebec. | ½ lb .. | 30 | J. S. Fry & Son, Bristol. | J. B. Bedard, Quebec. |
| " 7 | " ..... | 37359 | Arthur Drolet, 714 Rue St. Valier, Quebec. | ½ " .. | 30 | Lowney's Co., Montreal. | Mfrs..... |
| " 7 | " ..... | 37360 | " " .. | ½ " .. | 30 | Fry & Sons, Bristol . | Langlois & Paradis. |
| " 8 | " ..... | 37361 | O. Lacroix, 19 Rue St. Joseph, Quebec. | ½ " .. | 36 | " " . | Mfrs..... . . . |
| " 8 | " .... | 37362 | " " .. | ½ " .. | 30 | Lowney's, Montreal. | ..... ..... |
| " 7 | Chocolate... | 37363 | Arthur Drolet, 714 Rue St. Valier, Quebec. | ½ " .. | 39 | " " . | Mfrs..... |
| " 7 | " ... | 37364 | " " .. | ½ " .. | 30 | J. S. Fry & Sons, Bristol. | J. B. Reneaud & Cie. |
| " 8 | " ... | 37365 | O. Lacroix, 19 Rue St. Joseph, Quebec. | ½ " .. | 45 | " " . | Mfrs. ... . ..... |
| " 8 | " ... | 37366 | " " .. | ½ " .. | 30 | Lowney's, Montreal. | " ..... ..... |
| " 8 | " ... | 37367 | " " .. | ½ " .. | 25 | Baker, Dorchester, Eng. | " ..... |

AND CHOCOLATES.

| Inspector's Report. (Is not an expression of opinion). | Results of Analysis. On Air-Dry Original Material. Ash. Total. | Ash. Soluble in Water. | Alkalinity of Ash cc.s. N/10 Acid per 1 gram Chocolate and Cocoa. | Moisture. | Fat. By Centrifuge. | Fat. By Continuous Extraction 16 hrs. | Cane Sugar. | Total Ash calculated to Fat and Moisture Free Sampl. | Total Ash calculated to Fat, Moisture and Sugar Free Sample. | Percentage of Ash Soluble in Water. | No. of Sample. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **J. C. FERGUSON, INSPECTOR.** | | | | | | | | | | | |
| | p. c. | p. c. | | p. c. | p. c. | p. c. | p. c. | p. c. | p. c. | p. c. | |
| La Belle Cohcolatiere. .... | 5·80 | ..... | ..... .. | ... | ..... | ..... | . .. | .... | ..... | ..... | 45601 |
| Rowntrees Cocoa T. 311... | 5·52 | 2·04 | 6·35 | 4·23 | 20·35 | ..... | ..... | 7·32 | .... | 37 | 45602 |
| ... . .... ..... ..... | 5·48 | ..... | ..... | ..... | ... . | ... | ..... | . . | . .. | .. ... | 45603 |
| .. . ..... ... | 5·43 | 2·07 | 6·55 | 4·19 | 22·95 | 23·40 | ..... | 7·45 | ..... | 38 | 45604 |
| ..... . ..... | 5·65 | 2·07 | 6·80 | 4·02 | 24·45 | ..... | ..... | 7·90 | ..... | 37 | 45605 |
| Bar chocolate..... | 2·88 | 1·00 | 3·32 | 1·98 | 40·25 | ..... | ..... | 5·00 | ... .. | 35 | 45606 |
| " ... ... . . | 3·05 | ..... | ..... | ..... | ..... | .. . | .. ... | ..... | ..... | ..... | 45607 |
| T. M. Brand..... ... ... | 3·00 | 0·91 | 3·36 | 3·62 | 42·05 | ... .. | .... | 5·52 | ..... | 30 | 45608 |
| Diamond Brand..... .... | 1·14 | 0·43 | ..... | 1·12 | 25·60 | ..... | 58·90 | ..... | 7·56 | 38 | 45609 |
| Cowan's Supreme Chocolate | 3·38 | 1·35 | 3·81 | 1·23 | 52·60 | ..... | ..... | 7·32 | ..... | 40 | 45610 |
| **F. X. W. E. BELAND, INSPECTOR.** | | | | | | | | | | | |
| ..... .. ..... | 1·69 | 0·59 | 2·05 | 3·46 | 14·90 | ..... | 36·83 | ..... | 8·77 | 35 | 37358 |
| ..... ..... | 5·82 | ..... | ..... | ..... | ..... | ..... | .. .. | ..... | ..... | ..... | 37359 |
| ... . ..... ..... | 1·66 | ..... | .. ..... | .... | ..... | ..... | ..... | ..... | ..... | ..... | 37360 |
| ..... . .. ..... ..... | 5·37 | 3·95 | 8·25 | 5·27 | 30·85 | ..... | .. . | 8·41 | ..... | 73 | 37361 |
| ..... . .. ..... . | 5·50 | 2·26 | 6·65 | 3·79 | 23·05 | ..... | ..... | 7·52 | ... .. | 41 | 37362 |
| . ..... | 1·25 | 0·44 | ..... | 1·10 | 23·80 | ..... | 56·38 | ..... | 6·68 | 35 | 37363 |
| ... . . . . ..... | 3·01 | 0·97 | ..... | 2·43 | 17·90 | ..... | 41·31 | ..... | 7·85 | 32 | 37364 |
| .. .... . .. ..... .. | 1·27 | . | ..... | ... .. | ..... | ..... | ..... | .... | ..... | ..... | 37365 |
| .. . .... ..... .... | 3·35 | 1·40 | 3·85 | 0·90 | 53·00 | ... .. | ..... | 7·27 | ..... | 42 | 37366 |
| .... ... ..... ... | 3·01 | ..... | ..... | . .. | .... | ..... | ... .. | ..... | ..... | ..... | 37367 |

| Date of Collection. | Nature of Sample. | No. of Sample. | Name and Address of Vendor. | Cost. Quantity. | Cost. Cents. | Name and Address of Manufacturer or Furnisher as given by the Vendor. Manufacturer. | Furnisher. |
|---|---|---|---|---|---|---|---|
| **DISTRICT OF ST. HYACINTHE—** | | | | | | | |
| 1912. | | | | | | | |
| Mar. 25 | Cocoa ..... | 39033 | H. Belisle, St. Hyacinthe | 1 box. | 25 | W. Baker & Co., Ltd. | ..... |
| Feb. 19 | " ..... | 39034 | N. Larivie, Farnham.... | 3 " . | 39 | Bakers... ..... | Hudson & Orsali Montreal. |
| " 20 | " ..... | 39035 | L. Bissonnet, St. Jean.... | 3 " . | 30 | J. S. Fry & Sons, Ltd. | ..... |
| " 20 | " ..... | 39036 | D. Cussan, St. Jean ..... | ½ lb... | 25 | " . | ..... |
| Mar. 6 | " ..... | 39037 | Davignon & Pratte, Knowlton. | 3boxes | 25 | J. Epps & Co., Ltd. | ..... |
| " 7 | " ..... | 39038 | The Hub, Cowansville, P.Q. | ½ lb... | 25 | W. Baker & Co., Ltd | ..... |
| Feb. 19 | Chocolate... | 39040 | E Bienvenn, Farnham... | 3boxes | 36 | J. S. Fry & Sons, Ltd. | ..... |
| " 22 | " .. | 39041 | Lemay & Fiset, Sherbrooke | 3 " . | 30 | Lowney, Montreal.. | ..... |
| Mar. 6 | " .. | 39042 | N. O. Rockwell, Waterloo | ½ lb.. | 25 | " . | ..... |
| " 19 | " .. | 39043 | P. Thibault, Victoriaville | 3boxes | 30 | " . | ..... |
| **DISTRICT OF MONTREAL—** | | | | | | | |
| Feb. 14 | Cocoa ..... | 40821 | M. Schwartz, 100 St. Catherine St., Montreal. | 3 tins. | 25 | J. S. Fry & Son..... | ..... |
| " 14 | " ..... | 40822 | E. Martin, 203 Laurier Ave., W., Montreal. | 3 " . | 25 | Jas. Epps & Co., Ltd. | ..... |
| " 14 | " ..... | 40823 | " " . | 3 " . | 35 | W. Baker & Co., Ltd. Montreal. | ..... |
| " 15 | " ..... | 40824 | Wilfrid Brouillet, 77 University St., Montreal. | 3 " . | 30 | The Cowan Co., Ltd. Toronto. | ..... |
| " 15 | " ..... | 40825 | S. Dever & Son, 107 Colonial Ave., Montreal. | 3 " . | 45 | Walter M. Lowney.. | ..... |
| " 15 | Chocolate... | 40826 | Wilfrid Brouillet, 77 University St., Montreal. | 3cakes | 10 | W. Baker Co., Ltd.. | ..... |
| " 15 | " .. | 40827 | S. Dever & Son, 107 Colonial Ave., Montreal. | 3 " . | 40 | W. M. Lowney Co.. | ..... |
| " 15 | " .. | 40828 | " " . | 3 " . | 30 | The Cowan Co., Ltd. | ..... |
| " 15 | " .. | 40829 | L. Beaudoin, 21 Vitre St., Montreal. | 3 " . | 45 | Meniers..... | ..... |
| " 16 | " .. | 40830 | L. S. Guay, 124 Sherbrooke St., W., Montreal. | 3 " . | 30 | Jno. P. Mott & Co.. | ..... |

## AND CHOCOLATES.

| Inspector's Report. (Is not an expression of opinion). | Results of Analysis. On Air-Dry Original Material. Ash. Total. | Ash. Soluble in Water. | Alkalinity of Ash cc.s. $\frac{N}{10}$ Acid per 1 gram Chocolate and Cocoa. | Moisture. | Fat. By Centrifuge. | Fat. By Continuous Extraction 16 hrs. | Cane Sugar. | Total Ash calculated to Fat and Moisture Free Sample. | Total Ash calculated to Fat, Moisture and Sugar Free Sample. | Percentage of Ash Soluble in Water. | No. of Sample. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| J. C. ROULEAU, INSPECTOR. | | | | | | | | | | | |
| | p.c. | p.c. | | p.c. | p.c. | p.c. | p.c. | p.c. | p.c. | p.c. | |
| ..... | 5·75 | 2·34 | 6·77 | 6·05 | 25·15 | ..... | ..... | ..... | 8·35 | 41 | 39033 |
| ..... | 5·65 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 39034 |
| ..... | 1·82 | 0·63 | 2·15 | 2·90 | 15·10 | ..... | 39·70 | ..... | 4·30 | 35 | 39035 |
| ..... | 5·46 | 4·11 | 8·30 | 5·09 | 31·10 | ..... | ..... | 8·56 | ..... | 75 | 39036 |
| ..... | 1·56 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 39037 |
| ..... | 5·53 | 2·29 | 6·70 | 6·05 | 25·50 | ..... | ..... | ..... | 8·08 | 41 | 39038 |
| ..... | 1·26 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 39040 |
| ..... | 2·87 | 0·88 | ..... | 1·10 | 16·20 | ..... | 46·60 | ..... | 7·95 | 31 | 39041 |
| ..... | 2·65 | 0·81 | ..... | 2·31 | 16·00 | ..... | 49·75 | ..... | 8·30 | 31 | 39042 |
| ..... | 2·92 | ..... | ..... | ..... | 17·15 | ..... | 45·38 | ..... | ..... | ..... | 39043 |
| J. J. COSTIGAN, INSPECTOR. | | | | | | | | | | | |
| ..... | 5·46 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 40821 |
| ..... | 1·56 | 0·64 | 2·05 | 3·71 | 22·70 | ..... | 31·56 | ..... | 3·71 | 41 | 40822 |
| ..... | 5·47 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 40823 |
| ..... | 5·30 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 40824 |
| ..... | 5·63 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 40825 |
| ..... | 3·17 | 1·27 | 3·78 | 0·76 | 54·05 | ..... | ..... | 7·01 | ..... | 40 | 40826 |
| ..... | 3·68 | 1·34 | 4·04 | 0·41 | 51·35 | ..... | ..... | 7·62 | ..... | 36 | 40827 |
| ..... | 4·15 | 1·45 | 4·91 | 2·27 | 35·25 | ..... | ..... | 6·64 | ..... | 35 | 40828 |
| "Chocolat Menier"..... | 1·31 | 0·50 | ..... | 1·06 | 23·05 | ..... | 61·05 | ..... | 8·83 | 38 | 40829 |
| "Motts Elite"..... | 3·01 | 1·32 | 3·80 | 4·21 | 34·60 | ..... | ..... | 4·92 | ..... | 44 | 40830 |

| Date of Collection. | Nature of Sample. | No. of Sample. | Name and Address of Vendor. | Cost. Quantity. | Cost. Cents. | Name and Address of Manufacturer or Furnisher as given by the Vendor. Manufacturer. | Furnisher. |
|---|---|---|---|---|---|---|---|
| **DISTRICT OF OTTAWA—** | | | | | | | |
| 1912. | | | | | | | |
| Feb. 3 | Cocoa ..... | 50121 | Seely & Stewart, Bank st., Ottawa. | 3 tins. | 30 | J. S. Fry & Son, Ltd., England. | Mfrs..... |
| " 5 | " ..... | 50122 | Williams & Vanluven, Smith's Falls. | 3 " . | 39 | W. Baker & Co., Ltd., Dorchester, Mass. | Robertson, Nicolle, & Co., Smith's Falls. |
| " 19 | " ..... | 50123 | Jos. P. Valiquette, Dalhousie st., Ottawa. | 3 " . | 30 | The Cowan Co., Ltd., Toronto. | S. Major, Ltd., Ottawa. |
| " 19 | " ..... | 50124 | L. Malette, Dalhousie st., Ottawa. | ¾ lb .. | 20 | C. H. Cochrane & Co., Ottawa. | Mfrs..... |
| " 19 | " ... | 50125 | J. Mundy, St. Patrick st., Ottawa. | 3 tins. | 30 | Jas. Epps & Co. Ltd., London, Eng. | Unknown ..... |
| " 3 | Chocolate... | 50126 | Murphy - Gamble, Ltd.- Ottawa. | 3 " . | 45 | Lowney's, Montreal. | Mfrs..... |
| " 3 | " ... | 50127 | Bate & Co., Sparks st., Ottawa. | 3 " . | 75 | Cadbury, England.. | Crosse & Blackwell, London, Eng. |
| " 3 | " ... | 50128 | A. L. Pinard & Sons, Rideau st., Ottawa. | 3 " . | 47 | J.S. Fry & Sons, Ltd., Bristol, Eng. | Mfrs..... |
| " 19 | " ... | 50129 | L. Malette, Dalhousie st., Ottawa. | ¾ lb .. | 30 | C. H. Cochrane & Co., Ottawa. | " ..... |
| " 20 | " ... | 50130 | Bryson - Graham, Ltd., Ottawa. | 3 tins. | 75 | Cadbury, England .. | " ..... |
| **DISTRICT OF KINGSTON—** | | | | | | | |
| Feb. 5 | Cocoa ..... | 49521 | W. J. Nesbit, Kingston.. | 3 pks. | 45 | Baker, Ltd., Dorchester, Mass. | ..... |
| " 6 | " ..... | 49522 | A. Glover, Kingston..... | 3 " . | 45 | " " .. | ..... |
| " 6 | " ..... | 49523 | J. Gilbert, Kingston..... | 3 " . | 40 | H. De Jong, Wormerveer, Holland. | ..... |
| " 7 | " ..... | 49524 | Thompson Bros., Belleville | 3 " . | 30 | Cowan's, Toronto.... | ..... |
| " 5 | Chocolate... | 49526 | Wm. J. Arnil, Alfred st., Kingston. | 3 " . | 38 | Baker, Ltd., Dorchester, Mass. | ..... |
| " 5 | " ... | 49527 | W. H. Medley, Johnston st. Kingston. | 3 " . | 30 | J. P. Mott, Halifax. | ..... |
| " 7 | " ... | 49528 | J. B. Harker, Belleville.. | 3 " . | 75 | Baker, Ltd., Dorchester, Mass. | ..... |
| " 8 | " ... | 49529 | J. E. Lillico, Peterboro... | 3 " . | 75 | " " .. | ..... |
| " 8 | " ... | 49530 | A. Pearson, Peterboro.... | 3 " . | 30 | Cowan's, Toronto... | ..... |
| " 7 | Cocoa ... | 49534 | S. Fort, Port Hope..... | 3 " . | 30 | " " .. | ..... |

AND CHOCOLATES.

| Inspector's Report. (Is not an expression of opinion). | Results of Analysis. On Air-Dry Original Material. Ash. Total. | Ash. Soluble in Water. | Alkalinity of Ash cc.s. N/10 Acid per 1 gram Chocolate and Cocoa. | Moisture. | Fat. By Centrifuge. | Fat. By Continuous Extraction 16 hrs. | Cane Sugar. | Total Ash calculated to Fat and Moisture Free Sample. | Total Ash calculated to Fat, Moisture and Sugar Free Sample. | Percentage of Ash Soluble in Water. | No. of Sample. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **J. A. RICKEY, INSPECTOR.** | | | | | | | | | | | |
| | p. c. | p. c. | | p. c. | p. c. | p. c. | p. c. | p. c. | p. c. | p. c. | |
| Fry's | 5·41 | ..... | ..... | ..... | .... | ..... | .... | .... | ..... | ..... | 50121 |
| Baker's | 5·21 | 1·85 | 6·40 | 4·26 | 27·00 | ..... | ..... | 7·58 | ..... | 36 | 50122 |
| Cowan's | 5·47 | 1·82 | 6·40 | 2·49 | 22·95 | 23·70 | ..... | 7·54 | ..... | 33 | 50123 |
| Cochrane's | 3·71 | 1·64 | 4 70 | 3·65 | 10·10 | 10·70 | .... | 4·30 | .... | 44 | 50124 |
| Epps | 1 58 | 0·70 | 2·05 | 3·78 | 23·20 | ..... | 29·68 | ..... | 3·64 | 44 | 50125 |
| ..... | 3·06 | 1·04 | ..... | 2·11 | 15·85 | ..... | 43 42 | ..... | 7·92 | 34 | 50126 |
| ..... | 1·48 | 0·94 | ..... | 1·23 | 7·30 | ..... | 72·71 | ... | 7·68 | 63 | 50127 |
| ..... | 1·25 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 50128 |
| ..... | 6·55 | 2·26 | 7·17 | 5·17 | 17·05 | ..... | ..... | 8·42 | ..... | 35 | 50129 |
| ..... | 1·48 | 0·93 | ..... | 1·25 | 7.25 | ..... | 71·46 | .... | 7·39 | 63 | 50130 |
| **JAS. HOGAN, INSPECTOR.** | | | | | | | | | | | |
| ..... | 5·10 | ..... | ..... | .... | ..... | ..... | ..... | ..... | ..... | ..... | 49521 |
| ..... | 5·19 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 49522 |
| ..... | 7·60 | 5·04 | 9·80 | 4·30 | 28·65 | ..... | ..... | 11·34 | ..... | 66 | 49523 |
| ..... | 5·34 | 1·86 | 6·20 | 4·40 | 23·25 | ..... | ..... | 7·38 | ..... | 35 | 49524 |
| ..... | 2·90 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 49526 |
| ..... | 2·99 | 1·63 | 4·14 | 2 39 | 40·30 | ..... | ..... | 5·22 | ..... | 54 | 49527 |
| ..... | 3·10 | 1·15 | 3 55 | 1·02 | 54 40 | ..... | ..... | 6·95 | ..... | 37 | 49528 |
| ..... | 3·12 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 49529 |
| ..... | 4·24 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 49530 |
| ..... | 5·30 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 49534 |

| Date of Collection. | Nature of Sample. | No. of Sample. | Name and Address of Vendor. | Cost. Quantity. | Cost. Cents. | Name and Address of Manufacturer or Furnisher as given by the Vendor. Manufacturer. | Furnisher. |
|---|---|---|---|---|---|---|---|
| **DISTRICT OF TORONTO—** | | | | | | | |
| 1912. | | | | | | | |
| Feb. 8 | Cocoa | 49347 | A. C. Tresham, 266 King St. West, Hamilton. | 3 pks. | 30 | Motts | Unknown |
| " 14 | " | 49348 | The Cowan Co., Ltd., Sterling Road, Toronto. | 3 " | 23 | Vendors | |
| " 15 | " | 49349 | T. J. Medland, Ltd., 118 King St. East, Toronto. | ½ lb. | 13 | | |
| " 16 | " | 49350 | J. G. Pond, Queen St. West, Toronto. | ½ " | 13 | | J. M. Lowes Co., Ltd., Toronto. |
| " 21 | " | 49351 | Prentice & Sproule, Collingwood. | ½ " | 13 | | Lang & Bro., Collingwood. |
| " 7 | Chocolate | 49352 | The Arthur Bell Co., 447 Barton St. East, Hamilton. | 3cakes | 15 | Jno. P. Mott & Co., Halifax. | |
| " 13 | " | 49354 | D. Cameron, 164 Main St. East, Toronto. | 3 pks. | 15 | Todhunter, Mitchell & Co., Toronto. | |
| " 14 | " | 49355 | The Cowan Co., Ltd., Sterling Road, Toronto. | 3 " | 22 | Vendors | |
| " 15 | " | 49356 | J. M. Evans & Co., 1743 Dundas St., Toronto. | ½ lb. | 20 | | Robertson Bros., Toronto. |
| **DISTRICT OF LONDON—** | | | | | | | |
| Feb. 19 | Cocoa | 47882 | Jones & May, Exeter | 3 pks. | 30 | Cowan & Co., Ltd., Toronto. | |
| " 19 | Chocolate | 47887 | J. A. Stewart, Exeter | 3 " | 30 | Pure Gold Mfg. Co., Toronto. | Pure Gold Chocolate. |
| " 19 | Cocoa | 47888 | " " | 3 " | 38 | W. Baker Co., Ltd., Dorchester, Mass. | Labelled Webbs Pure Cocoa Powder. |
| " 20 | " | 47897 | Geo. McLennon & Co., Clinton. | 3 " | 30 | Cowan & Co., Ltd., Toronto. | |
| " 21 | " | 48208 | McGuire & Co., Seaforth | 3 " | 45 | J. S. Fry & Sons, Bristol, Eng. | Fry's Pure Breakfast Cocoa. |
| " 21 | Chocolate | 48213 | T. S. Blues, Seaforth | 3 " | 45 | " | Fry's Chocolate Powder. |
| " 22 | Cocoa | 48220 | Knechtel Grocery Co., Stratford. | 3 " | 45 | " | |
| " 24 | Chocolate | 48225 | W. R. Butcher, St. Marys | 3 " | 30 | " | Fry's Chocolate Powder. |

AND CHOCOLATES.

| Inspector's Report. (Is not on expression of opinion). | Results of Analysis. On Air-Dry Original Material. Ash. Total. | Ash. Soluble in Water. | Ash. Alkalinity of Ash cc.s. $\frac{N}{10}$ Acid per 1 gram Chocolate and Cocoa. | Moisture. | Fat. By Centrifuge. | Fat. By Continuous Extraction 16 hrs. | Cane Sugar. | Total Ash calculated to Fat and Moisture-Free Sample. | Total Ash calculated to Fat, Moisture and Sugar Free Sample. | Percentage of Ash Soluble in Water. | No. of Sample. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | p. c. | p. c. | | p. c. | p. c. | p. c. | p. c. | p. c. | p. c. | p. c. | |
| H. J. DAGER, INSPECTOR. | | | | | | | | | | | |
| ..... | 5·70 | 2·55 | 7·05 | 6·15 | 18·80 | 19·35 | ..... | 7·60 | ..... | 45 | 49347 |
| ..... | 5·50 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 49348 |
| Pure Cocoa imported by vendors. | 5·09 | 3·07 | 6·60 | 3·95 | 24·05 | ..... | ..... | 7·08 | ..... | 60 | 49349 |
| ..... | 4·79 | 1·74 | 5·20 | 2·95 | 6·00 | 6·10 | ..... | 5·26 | ..... | 36 | *49350 |
| ..... | 13·89 | 2·91 | 11·40 | 4·00 | 3·70 | 4·20 | ..... | 15·05 | ..... | 21 | †49351 |
| "Double Diamond" Chocolate. | 1·07 | 0·52 | ..... | 0·97 | 22·10 | ..... | 63·32 | ..... | 7·86 | 38 | 49352 |
| Vienna Sweet Diamond Chocolate. | 1·32 | 0·49 | ..... | 1·22 | 22·15 | ..... | 55·93 | ..... | 6·37 | 37 | 49354 |
| Cowan's Perfection Chocolates. | 4·19 | 1·42 | 4·90 | 1·26 | 34·75 | ..... | ..... | 6·54 | ..... | 34 | 49355 |
| ..... | 5·19 | 1.58 | 5·95 | 4·55 | 25·50 | ..... | ..... | 7·42 | ..... | 30 | 49356 |
| JNO. TALBOT, ACTING INSPECTOR. | | | | | | | | | | | |
| ..... | 5·29 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 47882 |
| Pure Gold Chocolate ..... | ‡ | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 47887 |
| Labelled Webb's Pure Cocoa Powder. | 5·18 | 1·78 | 6·30 | 4·41 | 27·85 | ..... | ..... | 7·65 | ..... | 34 | 47888 |
| ..... | 5·39 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 47891 |
| Fry's Pure Breakfast Cocoa | 5·41 | 4·02 | 8·10 | 4·76 | 30·45 | 31·30 | ..... | 8·44 | ..... | 73 | 48208 |
| Fry's Chocolate Powder... | 1·22 | 0·42 | ..... | 1·10 | 23·05 | ..... | 59·25 | ..... | 7·35 | 34 | 48213 |
| ..... | 5·45 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 48220 |
| Fry's Chocolate Powder... | 1·18 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 48225 |

* Contains starch. † Contains excess of bark. ‡ Chocolate Jelly Pudding coll, by mistake.

| Date of Collection. | Nature of Sample. | No. of Sample. | Name and Address of Vendor. | Quantity. | Cost. Cents. | Name and Address of Manufacturer or Furnisher as given by the Vendor. Manufacturer | Furnisher. |
|---|---|---|---|---|---|---|---|
| | | | **DISTRICT OF WINDSOR** | | | | |
| 1912. | | | | | | | |
| Feb. 12 | Cocoa | 47867 | W. H. Tricker, Sarnia | 3 pks. | 30 | Cowan Co., Ltd., Toronto. | |
| " 12 | " | 47869 | R. Wanless, Sarnia | " | 30 | Tothunter, Toronto. | |
| " 6 | " | 48080 | John Diprose, London, Ont. | " | 30 | Cowan Co., Ltd., Toronto. | |
| " 7 | " | 48083 | Wm. Hayes, London, Ont | " | 45 | Walter Baker Co., Ltd. | |
| " 7 | Chocolate | 48086 | Thos. Shaw, London, Ont. | " | 30 | J. S. Fry & Sons, Bristol, Eng. | |
| " 8 | " | 48095 | Teeples Market, London, Ont. | " | 30 | " | " |
| " 8 | Cocoa | 48096 | " " | " | 30 | " | " |
| | | | **DISTRICT OF MANITOBA—** | | | | |
| Feb. 20 | Cocoa | 48606 | A. Macdonald & Co., Portage Ave., Winnipeg. | " | 75 | P. H. Suchards, Neuchatel, Suise. | |
| " 20 | " | 48607 | Geo. Nixon & Co., Portage Ave., Winnipeg. | " | 75 | Cadbury, England | |
| " 20 | " | 48608 | " " | " | 75 | Lowney & Co., Montreal. | |
| " 21 | " | 48609 | N. Trimble, Portage Ave., Winnipeg. | " | 45 | Fry & Sons, Bristol, Eng. | |
| " 21 | " | 48610 | " " | " | 45 | Baker & Co., Ltd., Montreal. | |
| " 21 | Chocolate | 48611 | " " | | 75 | W. Baker & Co., Ltd., Dorchester, Mass. | |
| " 21 | " | 48612 | H. G. Weldon & Co., Portage Ave., Winnipeg. | " | 45 | " | " |
| " 21 | " | 48613 | The Codville Co., Winnipeg. | " | 13 | J. S. Fry & Sons, Ltd., London, Eng | |
| " 21 | " | 48614 | Foley Bros., & Larsen, Winnipeg. | " | 50 | W. Baker Co., Ltd., Dorchester, Mass. | |
| " 21 | " | 48615 | " " | " | 50 | Lowney Co., Ltd., Montreal. | |
| | | | **DISTRICT OF CALGARY—** | | | | |
| | Cocoa | 44121 | Capitol Mercantile Co., Edmonton. | 3 pks. | 45 | Walter Baker & Co., Ltd., Montreal. | |
| | " | 44122 | Hudson Bay Co., Edmonton. | 3 cans | 30 | The Cowan Co., Toronto. | |
| " 7 | " | 44123 | The Acme Co., Edmonton | 3 " | 45 | Walter Baker & Co., Dorchester, Mass. | |
| " 7 | " | 44124 | Chas. W. Campbell, Edmonton. | 3 " | 75 | Jos. Tetley & Co., Ltd., London, Eng. | |
| " 7 | " | 44125 | " " | 3 " | 90 | C. J. Van Houten & Son, Weesp., Holland. | |

## AND CHOCOLATES.

| Inspector's Report. (Is not an expression of opinion.) | Results of Analysis. On Air-Dry Original Material. Ash. Total. | Ash. Soluble in Water. | Alkalinity of Ash c.c. ½ Acid per gram Chocolate and Cocoa. | Moisture. | Fat. By Centrifuge. | Fat. By Continuous Extraction. 16 hrs. | Cane Sugar. | Total Ash calculated to Fat and Moisture Free Sample. | Total Ash calculated to Fat, Moisture and Sugar Free Sample | Percentage of Ash Soluble in Water. | No. of Sample. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **JNO. TALBOT, INSPECTOR.** | | | | | | | | | | | |
| | p.c. | p.c. | | p.c. | p.c. | p.c. | p.c. | p.c. | p.c. | p.c. | |
| Perfection Cocoa | 5·26 | 1·69 | 6·20 | 4·17 | 28·25 | ... | ... | 7·45 | ... | 32 | 47867 |
| ... | 6·12 | 1·62 | 6·25 | 3·05 | 23·70 | ... | ... | 8·35 | ... | 26 | 47869 |
| ... | 5·19 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 48080 |
| Breakfast Cocoa | 5·22 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 48083 |
| ... | 1·24 | 0·41 | ... | 1·05 | 23·80 | ... | 57·14 | ... | 6·89 | 33 | 48086 |
| Fry's Chocolate Powder | 1·28 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 48095 |
| Pure Breakfast Cocoa | 5·45 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 48096 |
| **A. C. LARIVIERE, INSPECTOR.** | | | | | | | | | | | |
| "Ibis" Brand | 6·67 | 4·93 | 8·70 | 3·95 | 30·55 | ... | ... | 10·17 | ... | 74 | 48606 |
| ... | 8·20 | 6·72 | 10·05 | 3·90 | 27·20 | 28·15 | ... | 11·90 | ... | 82 | 48607 |
| ... | 5·14 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 48608 |
| ... | 5·52 | 4·13 | 8·15 | 4·45 | 31·25 | ... | ... | 8·39 | ... | 75 | 48609 |
| ... | 5·74 | 1·89 | 6·85 | 3·50 | 24·80 | 25·30 | ... | 8·01 | ... | 33 | 48610 |
| ... | 3·26 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 48611 |
| ... | 2·93 | 1·11 | 3·50 | 1·95 | 54·35 | ... | ... | 6·70 | ... | 38 | 48612 |
| Fry's Diamond Sweet Chocolate. | 0·92 | 0·33 | ... | 1·11 | 22·50 | ... | 60·90 | ... | 5·94 | ... | 48613 |
| ... | 3·18 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 48614 |
| Lowney's Premium | 3·24 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 48615 |
| **R. W. FLETCHER, INSPECTOR.** | | | | | | | | | | | |
| ... | 5·35 | 2·00 | 6·40 | 4·58 | 27·95 | ... | ... | 7·93 | ... | 37 | 44121 |
| ... | 5·25 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 44122 |
| ... | 5·06 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 44123 |
| ... | 8·69 | 7·14 | 11·30 | 5·67 | 23·65 | 24·25 | ... | 12·30 | ... | 82 | 44124 |
| ... | 8·25 | 6·75 | 11·[illegible] | 3·34 | 27·55 | ... | ... | 11·94 | ... | 82 | 44125 |

| Date of Collection. | Nature of Sample. | No. of Sample. | Name and Address of Vendor. | Cost. Quantity. | Cost. Cents. | Name and Address of Manufacturer or Furnisher as given by the Vendor. Manufacturer. | Furnisher. |
|---|---|---|---|---|---|---|---|
| | | | **DISTRICT OF CALGARY—** | | | | |
| 1912. | | | | | | | |
| Mar. 6 | Chocolate... | 44126 | Capitol Mercantile Co., Edmonton. | 1 tin . | 50 | Lowney's, Montreal. | ..... |
| " 7 | " ... | 44127 | Hudson Bay Co., Edmonton. | 1 " .. | 25 | Cadbury, Bournville, Eng. | ..... |
| " 8 | " ... | 44128 | Hallier & Aldridge, Edmonton. | 3 tins. | 50 | Lowney's, Montreal. | ..... |
| " 8 | " ... | 44129 | J. H. Morris Co., Ltd., Edmonton. | 1 tin . | 25 | " " . | ..... |
| " 8 | " ... | 44130 | City Grocery, Edmonton. | 1 " .. | 25 | " " .. | ..... |
| | | | **DISTRICT OF NELSON—** | | | | |
| Feb. 13 | Chocolate... | 48489 | England & Sons, Kamloops. | ½ lb .. | 25 | D. Ghirardette, San Francisco. | ..... |
| " 13 | " ... | 48490 | " " .. | 3 tins. | 30 | W. M. Lowney Co., Montreal. | ..... |
| " 13 | Cocoa ..... | 48491 | " " .. | ½ lb .. | 20 | The Cowan Co., Toronto. | ..... |
| " 13 | " ..... | 48492 | " " .. | ¼ " . | 30 | J. S. Fry & Sons, Bristol, Eng. | ..... |
| " 13 | Chocolate... | 49607 | Stevens & Allan, Kamloops. | ½ " . | 25 | W. M. Lowney Co., Montreal. | ..... |
| " 13 | " ... | 49608 | " " .. | ½ " .. | 25 | W. Baker & Co., Dorchester, Mass. | ..... |
| " 13 | " .. | 49609 | " " .. | ½ " .. | 25 | The Cowan Co., Toronto. | ..... |
| " 13 | Cocoa ... | 49612 | Wilson Grocery Co., Kamloops. | ½ " .. | 35 | H. DeJong, Wormerveer, Holland. | ..... |
| " 13 | " .. | 4 6.3 | " " .. | ½ " .. | 40 | C. J. Van Houten & Son, Weesp, Holland. | ..... |
| " 13 | " .... | 49614 | " " .. | ½ " . | 35 | W. M. Lowney Co., Montreal. | ..... |
| | | | **DISTRICT OF VANCOUVER—** | | | | |
| Feb. 13 | Cocoa .. | 38275 | J. Graham, Milner, B.C. . | 3 pks. | 30 | Fry & Co., London, Eng. | ..... |
| " 13 | " ..... | 38276 | Burrows & Carncross, Cloverdale, B.C. | ½ lb. . | 30 | Cowans, Ltd., Toronto. | ..... |
| " 13 | " ..... | 38277 | H. V. Parr, Cloverdale, B.C. | ½ " .. | 55 | Van Houten & Co... | ..... |
| " 14 | " ..... | 38278 | Lillie's Cash Grocery, Chilliwack, B.C. | ½ " .. | 50 | A. Dreissen, Rotterdam. | ..... |
| " 14 | " .. | 38279 | B. T. Malcolm, Chilliwack, B.C. | 3 tins. | 75 | Jos. Tetley & Co., London, Eng. | ..... |

## AND CHOCOLATES.

| Inspector's Report. (Is not an expression of opinion). | Results of Analysis. On Air-Dry Original Material. Ash. Total | Ash. Soluble in Water. | Alkalinity of Ash as K2O. Acid per 1 gram Chocolate and Cocoa. | Moisture. | Fat. By Centrifuge. | Fat. By Continuous Extraction 16 hrs. | Cane Sugar. | Total Ash calculated to Fat and Moisture Free Sample. | Total Ash calculated to Fat, Moisture and Sugar Free Sample. | Percentage of Ash Soluble in Water. | No. of Sample. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| *Concluded.* | | | | | | | | | | | |
| | p. c. | p. c. | | p. c. | p. c. | p. c. | p. c. | p. c. | p. c. | p. c. | |
| ..... | 3·04 | 1·02 | ..... | 1·76 | 16·30 | ..... | 43·87 | ..... | 7·98 | 33 | 44126 |
| ..... | 1·65 | 1·04 | ..... | 1·04 | 7·35 | ..... | 69·50 | ..... | 7·46 | 63 | 44127 |
| ..... | 2·59 | 0·88 | ..... | 1·78 | 16·20 | ..... | 47·95 | .... | 7·60 | 34 | 44128 |
| ..... | 2·64 | 0·88 | ..... | 1·71 | 15·35 | ..... | 48·10 | ... | 7·58 | 33 | 44129 |
| ..... | 3·20 | 1·07 | ..... | 1·87 | 16·75 | ..... | 42·37 | .... | 8·20 | 33 | 44130 |
| **THOS. PARKER, INSPECTOR.** | | | | | | | | | | | |
| ..... | 2·98 | 2·06 | ..... | 1·80 | 15·00 | ..... | 54·42 | ..... | 10·36 | 69 | 48489 |
| ..... | 2·40 | 0·90 | ..... | 1·91 | 18·20 | ..... | 46·30 | .... | 7·15 | 37 | 48490 |
| ..... | 2·34 | 0·95 | 3·40 | 2·89 | 11·20 | ..... | 45·56 | .... | 5·80 | 41 | 48491 |
| ..... | 1·58 | 0·50 | 1·95 | 3·33 | 14·25 | ..... | 38·33 | ..... | 3·60 | 32 | 48492 |
| ..... | 3·31 | .... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 49607 |
| ..... | 3·26 | .... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | .... | 49608 |
| ..... | 3·09 | 1·17 | 3·61 | 1·51 | 54·05 | .... | .... | 6·94 | ..... | 38 | 49609 |
| ..... | 7·51 | 6·07 | 10·40 | 4·40 | 27·45 | ..... | ..... | 11·10 | ..... | 80 | 49612 |
| ..... | 8·05 | 6·58 | 10·50 | 4·47 | 28·95 | ..... | ..... | 12·10 | ..... | 82 | 49613 |
| ..... | 5·59 | 2·29 | 6·80 | 4·17 | 20·60 | ..... | ..... | 7·43 | ..... | 41 | 49614 |
| **J. F. POWER, INSPECTOR.** | | | | | | | | | | | |
| Manufactured with Cocoa carefully selected for quality and flavour. Guaranteed. | 1·67 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 38275 |
| Absolutely pure. ... ... | 5·64 | 1·84 | 6·30 | 4·13 | 23·90 | ..... | ..... | 7·84 | ..... | 33 | 38276 |
| Guaranteed pure soluble Cocoa. | 7·95 | 6·47 | 10·40 | 4·34 | 28·95 | ..... | ..... | 11·92 | ..... | 81 | 38277 |
| ..... | 6·80 | 4·85 | 9·10 | 4·82 | 27·70 | ..... | ..... | 10·08 | ..... | 71 | 38278 |
| Absolutely pure and soluble | 8·45 | 6·87 | 11·00 | 7·08 | 24·20 | ..... | ..... | 12·30 | ..... | 81 | 38279 |

| Date of Collection. | Nature of Sample. | No. of Sample. | Name and Address of Vendor. | Cost. Quantity. | Cost. Cents. | Name and Address of Manufacturer or Furnisher as given by the Vendor. Manufacturer. | Furnisher. |
|---|---|---|---|---|---|---|---|
| | | | | | | **DISTRICT OF VANCOUVER—** | |
| 1912. | | | | | | | |
| Feb. 15 | Chocolate... | 38280 | Des Brisay, General Stores, Mission Jct., B.C. | ½ lb.. | 25 | D. Chirardalli, San Francisco, Cal. | ..... |
| " 15 | " ... | 38281 | C. A. Welsh, New Westminister, B.C. | ½ " .. | 25 | Lowney & Co., Toronto. | ..... |
| " 15 | " ... | 38282 | London Muffin Co., Smythe St., Vancouver, B.C. | ½ " .. | 30 | C. Charlesworth, Water St., Van. | ..... |
| | | | | | | **DISTRICT OF VICTORIA—** | |
| Feb. 27 | Cocoa..... | 47691 | Windsor Grocery Co., Victoria, B.C. | 3 pks | 30 | The Cowan Co., Ltd., Toronto. | ..... |
| " 28 | " ..... | 47692 | The West End Grocery Co., Ltd., Victoria, B.C. | 3 " .. | 75 | Ridgways, Ltd., London, Eng. | ..... |
| " 29 | " ..... | 47693 | D. H. Ross, " | 3 " .. | 25 | J. S. Fry, London, Eng. | ..... |
| Mar. 1 | " ..... | 47694 | Copas & Young, Victoria, B.C. | 3 " .. | 75 | Rowantree & Co., Ltd., York, Eng. | ..... |
| " 1 | " ... | 47695 | Jm. B. Hall, Victoria, B.C. | ½ lb .. | 30 | H. D. Jong, Wormerveer, Holland. | ..... |
| " 27 | Chocolate... | 47696 | Windsor Grocery Co., Victoria, B.C. | 1 " .. | 50 | Walter Baker & Co., Dorchester, Mass. | ..... |
| " 28 | " ... | 47697 | The West End Grocery Co., Ltd., Victoria, B.C. | 1 " .. | 35 | Dom. Chocolate Works, Toronto. | ..... |
| " 29 | " ... | 47698 | D. H. Ross & Co., Victoria, B.C. | 1 " .. | 35 | D. Ghirardellis, San Francisco, Cal. | ..... |
| Mar. 1 | " ... | 47699 | Copas & Young, Victoria, B.C. | ½ " .. | 25 | The Cowan Co., Ltd., Toronto. | ..... |
| " 6 | " ... | 47700 | Harrison & McDonald, Victoria, B.C. | ½ " .. | 25 | D. Ghirardellis, San Francisco, Cal. | ..... |

AND CHOCOLATES.

| Inspectors's Report. (Is not an expression of opinion). | Results of Analysis. On Air-Dry Original Material. Ash. Total. | Ash. Soluble in Water. | Alkalinity of Ash cc. s. $\frac{N}{10}$ Acid per 1 gram Chocolate and Cocoa. | Moisture. | Fat. By Centrifuge. | Fat. By Continuous Extraction 16 hrs. | Cane Sugar. | Total Ash calculated to Fat and Moisture Free Sample. | Total Ash calculated to Fat, Moisture and Sugar Free Sample. | Percentage of Ash Soluble in Water. | No. of Sample. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| *Concluded.* | | | | | | | | | | | |
| | p.c. | p.c. | | p.c. | p.c. | p.c. | p.c. | p.c. | p.c. | p.c. | |
| Strictly pure.. .... .. ... | 2·77 | 1·96 | ..... | 1·92 | 14·20 | .... | 58·50 | ..... | 10·91 | 71 | 38280 |
| Absolutely pure.... ..... | 2·66 | 0·95 | ..... | 2·55 | 15·20 | ..... | 47·80 | ... | 7·72 | 36 | 38281 |
| ..... ..... | 2·84 | 2·00 | ..... | 2·15 | 14·75 | ..... | 56·08 | ..... | 10·51 | 70 | 38282 |
| D. O'SULLIVAN, INSPECTOR. | | | | | | | | | | | |
| .. ... ..... | 5·05 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 47691 |
| "Ridgways"..... .. ..... | 6·08 | 4·45 | 8·10 | 5·71 | 29·70 | ..... | ..... | ..... | 9·41 | 73 | 47692 |
| Frys... .... ..... | 1·77 | ..... | ..... ... | .. | .. ... | ..... | ..... | | ... | ..... | 47693 |
| Rowantrees . .. ..... | 7·74 | 6·40 | 10·40 | 4·80 | 28·00 | ..... | ..... | .... | 11·52 | 83 | 47694 |
| De Jong's.... ..... .. | 7·76 | 5·47 | 10·20 | 6·45 | 26·95 | .. .. | ..... | ..... | 11·65 | 70 | 47695 |
| ..... ..... ..... | 3·32 | ..... | ..... | ... | ..... | ..... | ..... | ..... | . . | .... | 47696 |
| Canadian Beaver Chocolate | 0·74 | 0·32 | ..... | 1·50 | 24·70 | . .. | 52·54 | . ... | 3·48 | 43 | 47697 |
| "Eagle" Brand..... | 1·49 | 0·55 | ..... | 1·55 | 24·35 | . .... | 58·37 | ..... | 9·60 | 37 | 47698 |
| "Cowans Perfection"..... | 3·86 | 1·48 | 4·98 | 4·60 | 34·10 | ..... | ..... | ..... | 6·30 | 38 | 47699 |
| Ground Chocolate.... ... | 3·02 | 2·05 | ..... | 2·89 | 15·40 | ..... | 55·18 | ..... | 11·38 | 67 | 47700 |